

# PROFESSIONAL SERVICES PROCUREMENT BULLETIN 2011-03 HENDERSON

<b>COUNTY</b>	Henderson
<b>ROUTE</b>	EB9004—Edward T. Breathitt (Pennyrile) Parkway / KY 416
<b>ITEM NO</b>	2-8304.00
<b>PROJECT DESCRIPTION</b>	<p>Reconstruct/Complete the half interchange at exit 68 on the Breathitt Parkway. Modify existing geometric and roadway features to meet Interstate design standards per AASHTO Policy on Design Standards.</p> <p><u>Policy on Design Standards- Interstate System 5th edition (2005) &amp; FHWA Policy on Access to the Interstate System (2009)</u></p>
<b>PROJECT MANAGER</b>	John Rudd, PE
<b>USER DIVISION</b>	Highway Design
<b>APPROXIMATE FEE</b>	<b>\$325,000 Interchange Justification Study</b> , Preliminary Engineering & Phase II Final Design (Lump Sum Fee)
<b>PROJECT FUNDING</b>	National Highway System Garvee Funds (NHG)
<b>PROJECT LENGTH</b>	1 mile
<b>PURPOSE AND NEED</b>	<p>The purpose of this project is to make the necessary improvements to complete southern half of the KY 416 interchange at the Edward T. Breathitt (Pennyrile) Parkway and upgrade interchange to be interstate compliant. This interchange is on segment 4 of the I-69 corridor through Kentucky.</p> <p>This project improves safety and operational characteristics of all traffic entering and existing the mainline resulting from the current restrictions while providing proper level of service in the design year.</p>
<b>DBE REQUIREMENT</b>	The consultant team shall include a DBE Participation Plan with their response to announcement. An additional page will be allowed with the project approach in the response to announcement to convey this plan. A maximum of 4 points will be considered in the evaluation factors for the DBE Participation Plan.

## SCOPE OF WORK

The selected consultant will provide engineering services to perform Phase I and Phase II Roadway and Structure Design, including drainage design, right-of-way plans, construction plans, traffic control plans, and cost estimates.

The selected consultant is required to provide engineering services to perform an IJS with expected deliverable of preliminary interchange layouts and cost estimates (construction and right-of-way). Study limits are from Exit 63, KY 56 in Sebree, Webster County to Exit 76, KY 425 in Henderson on the Pennyriple Parkway.

## SPECIAL INSTRUCTIONS

The Department may retain any of the services advertised here to perform in-house. The initial contract agreement will be for Preliminary Engineering and Phase II Final Roadway Design. Structure Design services, if needed, may be added to the contract agreement by contract modification.

**Instructions for Response to Announcement can be found at:**

[http://transportation.ky.gov/progperform/instructions\\_for\\_response\\_to\\_kentucky\\_transportation\\_cabinet\\_6-9-09.pdf](http://transportation.ky.gov/progperform/instructions_for_response_to_kentucky_transportation_cabinet_6-9-09.pdf)

## AVAILABLE STUDIES

An overview was completed of the existing conditions along the Wendell H. Ford and Edward T. Breathitt Parkway as part of the Strategic Corridor Planning Study for I-69 in March 2005. This Final Report is available on the Division of Planning's Web page.

[http://www.planning.kytc.ky.gov/projects/dist\\_2.asp](http://www.planning.kytc.ky.gov/projects/dist_2.asp)

[AASHTO Policy on Design Standards - Interstate System, 5th Edition \(2005\)](https://bookstore.transportation.org/item_details.aspx?ID=1175) [https://bookstore.transportation.org/item\\_details.aspx?ID=1175](https://bookstore.transportation.org/item_details.aspx?ID=1175)

[FHWA Policy on Access to the Interstate System \(2009\)](http://www.fhwa.dot.gov/programadmin/fraccess.cfm): <http://www.fhwa.dot.gov/programadmin/fraccess.cfm>

### METHOD OF DESIGN

The Selected Consultant shall utilize the current CADD Standards for Highway Plans policy in the development of the Highway Plans.

### PHOTOGRAM-METRIC SERVICES

The selected consultant will be required to provide a conventional survey on the project.

### ENVIRONMENTAL

The Department will provide any necessary Environmental Services. The anticipated environmental document is a Level 3 Categorical Exclusion.

### GEOTECHNICAL SERVICES

The Department will provide any necessary Geotechnical Services.

<b>STRUCTURE DESIGN</b>	The selected consultant shall provide the necessary engineering services to determine the preliminary sizes of the bridges and other drainage structures. Any necessary Structure Design will be performed by the Consultant.
<b>PLANNING</b>	The selected consultant shall provide the necessary traffic projections and related information..

### **PREQUALIFICATION REQUIREMENTS**

To respond to this project, the project team **must be** prequalified in the following areas by the date of this advertisement.

ROADWAY DESIGN	<ul style="list-style-type: none"> <li>• Urban Roadway Design &gt;\$250,000</li> <li>• Surveying</li> </ul>
TRAFFIC ENGINEERING	<ul style="list-style-type: none"> <li>• Traffic Engineering Services</li> </ul>
TRANSPORTATION PLANNING	<ul style="list-style-type: none"> <li>• Traffic Forecasting</li> </ul>
STRUCTURE DESIGN	<ul style="list-style-type: none"> <li>• Spans under 500 feet</li> </ul>

### **PROCUREMENT SCHEDULE**

RESPONSE DATE	Wednesday, October 13, 2010 4:30 p.m. E.S.T. (Frankfort time)
SELECTION COMMITTEE DATE	November 1, 2010
PRE-DESIGN CONFERENCE	November 15, 2010
TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL	December 1, 2010
CONTRACT NEGOTIATIONS	January 15, 2011
NOTICE TO PROCEED	February 15, 2011

### **PROJECT SCHEDULE**

DRAFT IJS	May 15, 2011
FINAL IJS	July 1, 2011
PRELIMINARY LINE AND GRADE INSPECTION	August 1, 2011
JOINT INSPECTION	November 1, 2011
RIGHT-OF-WAY UTILITY PLANS	December 1, 2011
FINAL PLANS	September 1, 2012

## EVALUATION FACTORS

1. Relative experience of Consultant personnel assigned to project team with highway projects for KYTC and/or for federal, local, or other state governmental agencies. (15 points)
2. Capacity to comply with project schedule. (15 points)
3. Past record of performance on project of similar type and complexity. (15 points)
4. Project approach and proposed procedures to accomplish the services for the project. (15 points)
5. DBE Participation Plan (4 points)
6. Consultant's offices where work is to be performed. (2 points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

## SELECTION COMMITTEE MEMBERS

1. John Rudd, PE, User Division
2. David Martin, PE, User Division
3. Boday Borres, PE, Secretary's Pool
4. Marvin Wolfe, PE, Secretary's Pool
5. Jim Lile, PE, Governor's Pool

# PENNYRILE/BREATHITT PKWY - KY 416 Henderson County 2-8304.00

